QC ABSTRACT

Nameof Work: Improvements of Roads, Development of Parks and Construction of Buildings in Ward No 01,02,03 & 04 of Yelahanka Division Under 2021-22 District Minister Grants. (Package-15), BBMP, Bangalore.

Sl. No.	Item	Quantity As Per BOQ	Required No's of testes	Actual No's of testes	Testes	Frequency
1	1:4:8	2.37 Cum	1	1	Cement Sand, Aggregates	One Test Per Lot
2	M20	23.65 Cum	3	3	Concrete Cube Compressive Strength	-
3	M25	6.05 Cum	2	2	Concrete Cube Compressive Strength	-
4	M25	35.57 Cum	4	4	Concrete Cube Compressive Strength	-
5	Steel	12.04 Tonne	1	1	-	-
6	Glazed Tiles	190.05 Sqm	1	1	-	-
7	Ceramic tiles	47.25 Sqm	1	1	-	-
8	MS Hollow Pipe	12.00 Sqm	1	1	-	-
9	CC Blocks 400x200x200mm	354.67 Sqm	1	1	Concrete Blocks Compressive Strength	-
10	CC Blocks 400x100x200mm	36.00 Sqm	1	1	Concrete Blocks Compressive Strength	-

Cubes
0-5 Cum 1Set
6-15 Cum 2Set
16-30 Cum 3Set
31-50 Cum 4Set
Add 1set for extra 50Cum

AE-02

CIVIL SHINE ENGINEERING CONSULTANTS Bangalore

A.E.E

CIVIL-SHINE ENGINEERING CONSULTANTS

(Buildings Geo-Tech & Highway Materials Testing Laboratory)

(AN ISO CERTIFIED COMPANY)

Job No.: CSEC/BBMP/KLNR/QC/2022-23

Date : 29.04.2022

TEST REPORT ON CEMENT CONCRETE BLOCKS

Client : **Assistant Executive Engineer,** Yelahanka Sub Division, BBMP, Bangalore.

Agency : **Sri. K. Lakshmi Narayana Reddy,** Contractor, Bangalore.

Name of the Work : Improvements of Roads, Development of Parks and Construction of Buildings in Ward No 01, 02, 03 & 04 of Yelahanka Division Under 2021-22 District Minister Grants (Package-15), BBMP, Bangalore.

Date of Testing : 29.04.2022

Size of Blocks : 400mm x 200mm x 200mm

Cross Sectional Area : 80000 mm^2

Technical Reference : IS: 2185 (Part 1) - 2005

No. of Blocks Tested : 04

Sl.No.	Block ID	Wt. in Kg	Failure load (N)	Compressive strength (N/mm^2)	Block Density in Kg/M^3	Requirement as per IS 2185 (Part 1) - 2005
1	Block 1	32.2	424.6	5.31	2012.50	Minimum required Compressive Strength of Individual Units 5.00N/mm^2
2	Block 2	33.9	430.9	5.39	2118.75	
3	Block 3	34.5	428.6	5.36	2156.25	
4	Block 4	32.8	426.5	5.33	2050.00	

Note:

1. The report shall not be reproduced, except in full, without the written approval of the laboratory.
2. The results indicated above are based on the tests carried out on the samples collected at the site.
3. Any Query regarding the report must be reported within 30 days from the date of testing.

A.E.E

For CIVIL-SHINE ENGINEERING CONSULTANTS

Authorised Signatory

31, 4th Cross Behind Sahana School, Veerabhadreshwara Nagar, Herohalli, Vishwaneedam Post, Bengaluru - 560091. Email : civilshine.engg@gmail.com
Ph : 8123256061, GSTIN : 29KFVPS5132D1ZR

III. STAIN RESISTANCE

Sl. No.	Visual observations	Requirement as per IS: 15622 (Reaffirmed 2006)
1	Stain Removed by Water	Class 1, min (13630 Part 8)
2	Stain Removed by Water	
3	Stain Removed by Water	
4	Stain Removed by Water	
5	Stain Removed by Water	

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